

Title (en)
Storage sub-system and method for controlling the same

Title (de)
Speichersubsystem und Steuerverfahren dafür

Title (fr)
Sous-système de stockage et son procédé de commande

Publication
EP 2042980 B1 20130213 (EN)

Application
EP 08250820 A 20080311

Priority
JP 2007250139 A 20070926

Abstract (en)
[origin: EP2042980A2] The present invention provides means for effectively reducing the amount of data by means of de-duplication in a disk array apparatus having a data guarantee code. A control means for the disk array apparatus that adds a data guarantee code to each logical data block and checks the data guarantee code when reading data has a de-duplication performing function and control means for: generating LA substitution information for a function checking the data guarantee code or read data location address substitution information when performing the de-duplication and storing data; performing the de-duplication using the above-mentioned information when reading data; and thereby avoiding false diagnosis of the data guarantee code check.

IPC 8 full level
G06F 3/06 (2006.01); **G06F 11/10** (2006.01)

CPC (source: EP US)
G06F 3/0608 (2013.01 - EP US); **G06F 3/0619** (2013.01 - EP US); **G06F 3/0641** (2013.01 - EP US); **G06F 3/0643** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US); **G06F 11/1076** (2013.01 - EP US); **G06F 11/2089** (2013.01 - EP US); **G06F 2211/1004** (2013.01 - EP US); **G06F 2211/1057** (2013.01 - EP US)

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EP3106986A1; US10084484B2; US8108447B2; WO2011112230A1; WO2012056491A1; US8352676B2; US8799562B2; US9111618B2; US9343153B2

Designated contracting state (EPC)
DE FR GB IE

DOCDB simple family (publication)
EP 2042980 A2 20090401; **EP 2042980 A3 20110413**; **EP 2042980 B1 20130213**; JP 2009080696 A 20090416; JP 5331323 B2 20131030; US 2009083610 A1 20090326; US 2012017054 A1 20120119; US 8051367 B2 20111101; US 8209595 B2 20120626

DOCDB simple family (application)
EP 08250820 A 20080311; JP 2007250139 A 20070926; US 1085108 A 20080130; US 201113243435 A 20110923